

347—74.2(89A) Moving walks.

74.2(1) Each moving walk shall be provided with an electrically released, mechanically applied brake capable of stopping and holding treadway with a load up to and including the rated load.

74.2(2) Starting switches shall be of the key-operated type and shall be located within sight of the exposed treadway.

74.2(3) Each moving walk shall be provided with an emergency stop button or manually operated switch at each entrance and exit. The switches shall be protected to prevent the accidental operation of them. The operation of any of these switches shall interrupt the power to the driving-machine motor and brake.

74.2(4) A device shall be provided which will cause interruption of power to the driving-machine motor and brake if the connecting means between pallets break.

74.2(5) The entrance to and exit from a moving treadway shall be provided with a threshold plate which shall have teeth and be adjusted so that the teeth are below the treadway.

74.2(6) An enclosed fused disconnect switch or a circuit breaker arranged to disconnect the power supply to the moving walk shall be provided in the space where the controller is located.

74.2(7) If the balustrade covers the edge of the treadway the clearance between the top surface of the treadway and the underside of the balustrade shall not exceed $\frac{1}{4}$ inch. Where skirt panels are used the horizontal clearance on either side of the treadway and the adjacent skirt panel shall be not more than $\frac{1}{4}$ inch.

74.2(8) A stop switch shall be provided in each machinery space where means of access to the space is provided. The switch when opened shall cause electrical power to be removed from the driving-machine motor and brake. The switch shall be of the manually operated type and shall be marked "STOP".

74.2(9) Hand or finger guards shall be provided at the point handrails enter the balustrade.

74.2(10) All balustrades shall be smooth and free of rough surfaces. All screws shall be flush or oval head. Screwheads shall be smooth and free of burrs.

74.2(11) On pallet-type treadways adjacent ends of the pallets shall not vary in elevation more than $\frac{1}{16}$ inch. The distance between pallets shall not exceed $\frac{5}{32}$ inch.

74.2(12) All repairs and alterations shall comply with ANSI A17.1, 1971.